

Box 220



Agricultural Research Institute, Pusa

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(Compiled by the Imperial Entomologist)



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List of Publications on Indian Entomology, 1924.

Received for Publication on 1st April 1925.

A

Achard, J.—

Essai d'une subdivision nouvelle de la famille des Scaphidiidae.

(*Ann. Soc. Ent. Belg.* LXIV, 25-31; July 1924.)

Nouvelles espèces de *Scaphidiolum* de la faune indonésienne. (*Bull. Soc. Ent. France* 1924, pp. 150-153; Dec. 1924.) [*S. hexaspilotum*, n. sp., p. 152, Kandy.]

Adair, E. W.—Notes sur *Periplaneta americana*, L., et *Blattorientalis*, L. (*Bull. S. R. Ent. Egypt.* 1923, pt. 2, pp. 18-38, figs.; 1924.)

Alexander, G. P.—Undescribed species of Nematocera from Japan. (*Insec. Inscit. Menstr.* XII 49-55; Mar. 1924.) [*Ptychoptera amandalei*, Brunetti, pp. 50-51, notes.]

Andrewes, H. E., and Scott, H.—A List of Carabidae from Macao, South China, with a description of a new species and biological notes. (*Ann. Mag. Nat. Hist.* (9) XIII 466-472; Apl. 1924.) [Many Indian spp. recorded.]

Andrewes, H. E.—

On the Oriental Carabidae of the "Reise Novara." (*Trans. Ent. Soc. London* 1923, 459-468; Apl. 1924.)

Papers on Oriental Carabidae, XIII. (*Ann. Mag. Nat. Hist.* (9) XIV 241-244; Aug. 1924.) [*Lebidia*, pp. 241-243, key to spp.;

L. bioculata himalayica, var. nov., p. 243, Kumaon, Karen Hills;

L. octocelis, n. sp., p. 244, Gopaldhara (Sikkim).]

Papers on Oriental Carabidae, XIV. (*Ann. Mag. Nat. Hist.* (9) XIV 585-593; Dec. 1924.)

Notes on Oriental Carabidae, VI. (*Ent. Mo. Mag.* allX191-192, Aug. 1924, pp. 193-198, Sept. 1924.) [*Bembidium quadripustulatum*, Dej., pp. 191-192; *B. uniferum*, n. sp., pp. 192-193, Fyzabad, Naini Tal distr.; *B. satanas*, n. sp., p. 193, Goorais Vley,

Andrewes, H. E.—contd.

(Kashmir) : *B. dardum*, Bates, p. 194, Goorais Va'ey, redeser. : *B. bruceulatum*, Bates, pp. 194-195, Skardo, redeser. ; *B. indikense*, n. sp., pp. 195-196, Ladakh, Goud, Baltal (Kashmir). Sundeo (Lahul) ; *B. uoidum*, Andr., p. 196, Naini Tal, Ranikhet ; *B. rubidum*, n. sp., pp. 196-197, Poo (Kashmir).]

Description(s) of some new Carabidæ from Ceylon. (*Spolia Zeylan.* XIII 129-141 ; Sept. 1924.)

Carabidæ, in " mission dans es Provinces Centrales de l'Inde et dans la région occidentale de l'Himalaya, 1914, par Guy Babault." (Paris ; 1924 ; sep. pp. 1-123, col. tab. 1-4.) [Many new Indian spp.]

Andrewes, E. A. —

The Tea Green-Fly. (*Ind. Tea Assoc. Qrly. Journ.* 1923, pp. 109-117, 1 diagram ; Jan. 1924.)

Termites. (*Ind. Tea Assoc. Qrly. Journ.* 1923, pp. 118-125 ; Jan. 1924.) [Abstract of Dr. Hutson's Notes on Termites attacking Tea in Ceylon. Ceylon Agric. Dept. Leaflet, 24 June, 1923.]

Annandale, N.—Termite Mounds. (Bombay Nat. Hist. Soc. Journ. XXX 25-35, 4 figs. ; Nov. 1924.)**Antram, C. B.—Butterflies of India. (Calcutta ; May 1924 ; pp. XVI +226, tt. 1-3, ff. 1-412.) [Includes only Papilionidæ, Pieridæ, Nymphalidæ and Nemeobidæ of India exclusive of Burma and Ceylon. *Parnassius sulphurus*, n. sp., p. 38, f. 71, Tibet.]****Arrow, G. J.—Vocal Organs in the Coleopterous Families Dytiscidæ, Erotylidæ and Endomychidæ. (Trans. Ent. Soc., London 1924, 134-143, 2 figs. ; Aug. 1924.)****Aurivillius, C.—Neue oder wenig bekannte Coleoptera Longicornia. (Arkiv for Zoologi XV 437-479, ff. 113-133 ; Feb. 1924.) [*Psilomerus apicalis*, n. sp., p. 445, Palnis ; *Pothyne septemlineata*, n. sp. pp. 469-470, Burma.]****Austin, G. D.—The Indian Glow-worm. (*Lamprophorus tenebrosus* Wlk.) (Ceylon Dept. Agric. Year-Book 1924, pp. 68-69, t. 26 ; Apl. 1924.)**

B

Bacot, A. W., and Martin, C. J.—The respective influences of temperature and moisture upon the survival of the Rat Flea. (*Xenopsylla cheopis*) away from its host. (*Jl. Hygiene* XXII, 98-105, 3 diagrams; Sept. 1924.)

Bagnall, R. S.—

A new species of Thrips from India. (*Ann. Mag. Nat. Hist.* (9) XIII 424-425; Apl. 1924.) [*Thrips pallidulus*, Pusa.]

On a new injurious Thrips affecting Tea in India. (*Bull. Ent. Res.* XIV 455; May 1924.) [*Dendrothrips bispinosus*, n. sp., Kotagiri.]

Brief Descriptions of new Thysanoptera, XIV. (*Ann. Mag. Nat. Hist.* (9) XIV, 625- ; Dec. 1924) [*Mesothrips*, Zimros. = *Arrhenothrips*, Hood 1919, p. 635; *M. brevis*, n. sp., pp. 636-637, Ceylon; *M. angusticornis*, n. sp., pp. 638-639, Peradeniya; *M. karnyi*, n. sp., pp. 639-640, Dehra Dun; *Leucovenia eugenia*, n. sp., p. 640, Kodaikanal.]

Baker, C. F.—

Remarks on the Tettigometridæ (Fulgoroidea). (*Philipp. Jl. Sci.* XXIV 91-99, tab.; Jan. 1924.) [Key to Subfam., p. 92; *Isthmia*, Wlk., type *undata*, = *Hilda*, Kirk, is an African genus distinct from the Indo-Malayan genus *Egropa*, Melich., p. 93; *E. inusta*, Melich., p. 95; *E. tenasserimensis*, Dist., p. 96; *E. bengalensis* Dist., pp. 97-98, t. 1 f. 4, Charact., Calcutta.]

Nomenclatorial Notes on the Jassoidea. (*Philipp. Journ. Sci.*, XXIV 367; Mar. 1924.) [*Penthimia distant*, n. sp., for *nitida*, Dist. 1912, nec Lethierry 1877; *Goniogygum* (*Goniognathus*) *appellans*, n. sp., for *obesus*, Dist. 1918, nec Jacobi 1910; *Deltoccephalus deletus*, n. sp., for *thoracicus*, Dist. 1908, nec Fieber 1869; *Idiocerus incertus*, n. sp. for *maculatus*, Dist. 1912, nec Melichar 1896.]

Baldus, K.—Untersuchungen ueber Ban und Funktion des Gehirnes der larve und Imago von Libellen. (*Zeits. wiss. Zool.* CXXI 557-620, 4 figs.; tt. 6, 7; Jan. 1924.)

Ballard, E., and Ramachandra, Rao, Y.—A Preliminary note on the Life-history of certain Anthomyiad Flies, *Atherigona* spp. and *Acrutacheta excisa*, Thomson. (*Proc. Fifth Ent. Meeting*, pp. 275-277, t. 23; June 1924.)

Barraud, P. J.—

- A Revision of the Culicine Mosquitoes of India, Part VIII. (*Ind. Journ. Med. Res.* XI 845-866, tt. 48-57; Jan. 1924.) [*Finlaya* spp.]
- A Revision of the Culicine Mosquitoes of India, Parts IX, X, XI. (*Ind. Journ. Med. Res.* XI 971-998, tt. 63-68; May 1924.)
- A Revision of the Culicine Mosquitoes of India, Part XII. (*Ind. Journ. Med. Res.* XI 1259-1274, tt. 85-87; May 1924.) [*Culex* spp.]
- A Revision of the Culicine Mosquitoes of India, Part XIII. (*Ind. Journ. Med. Res.* XI 1275-1282, tt. 88-89; May 1924.) [*Culex* spp.]
- A Revision of the Culicine Mosquitoes of India, Part XIV. (*Ind. Journ. Med. Res.* XII, 15-22, t. 1; July 1924.) [*Culicomyia* spp.]
- A Revision of the Culicine Mosquitoes of India, Part XV. (*Ind. Journ. Med. Res.* XII 39-46, tt. 7, 8; July 1924.) [*Lophocera tomyia* spp.]
- A Revision of the Culicine Mosquitoes of India, Part XVI. (*Ind. Journ. Med. Res.* XII 139-144, tt. 9, 10; July 1924.) [*Theobablia* spp.]
- A Revision of the Culicine Mosquitoes of India, Part XVII. (*Ind. Journ. Med. Res.* XII 427-436, tt. 24-28; Oct. 1924.) [*Culex* larvae.]
- A new Mosquito from Kashmir. (*Ind. Journ. Med. Res.* XI 967-968, fig.; Jan. 1924.) [*Finlaya sintoni*.]
- Four new Mosquitoes from the Western Himalayas. (*Ind. Journ. Med. Res.* XI 999-1006, fig.; April 1924.)
- A new Mosquito from Kashmir and the North-West Frontier Province. (*Ind. Journ. Med. Res.* XII 73-74; July 1924.) [*Finlaya versicolor*, n. sp.]

Baumann C.—Ueber den Bau des Abdomens und die Funktion des Legeapparatus von *Thalassa leucographa*, Grav. (*Zool. Anzeiger* LVIII 149-162, figs.; Jan. 1924.) [Several Indian Ichneumonidae are apparently formed similarly.]

Beeson, C. F. C.—

The Geographical distribution of the Coleopterous borers of sal (*Shorea robusta*). (*Proc. Fifth Ent. Meeting*, pp. 159-175; June 1924.)

Beeson, C. F. C.—contd.

Recent work in Forest Entomology (Abstract). (*Loc. cit.* pp. 176-179; June 1924.)

Forest Entomology. (*Board Sci. Advice India*, Report 1922-23, pp. 59-62; 1924.)

The economic importance and control of the Sal Heartwood Borer (*Hoplocerambyx spinicornis*). (*Ind. Forester* L. 516-524; Oct. 1924.)

Bell, T. R.—

The Common Butterflies of the Plains of India. Part XXX. (*Bombay Nat. Hist. Soc. Journ.* XXIX 703-717; Feb. 1924.) [Hesperiadae (contd.).]

The Common Butterflies of the Plains of India. Part XXXI. (*Bombay Nat. Hist. Soc. Journ.* XXIX 921-946; May 1924.) [Hesperiadae (contd.).]

The Common Butterflies of the Plains of India. Part XXXII. (*Bombay Nat. Hist. Soc. Journ.* XXX 132-150; Nov. 1924.)

Bergroth, E.—Myrmecoidae Heteropteren. Myodochidae. (*Ann. Mus. Nat. Hung.* XVIII 73-84; Dec. 1921 (recd. Sept. 1924).) [*Vesutomannus*? sp., pp. 73-74, Moulmein, last stage larva descr.]

Bishara, I.—A preliminary note on the Estimation of Loss by Bollworms. (*Egypt Agric. Techn. Bull.* 39; Cairo; 1924.)

Bischoff, W.—Die Segmentierung der Blepharoceriden—Larven und —Puppen und die ökologische Begründung der Larvenphylogenie. (*Zool. Anzeig.* LX 231-251, 6 figs; Aug. 1924.)

Blair, K. G.—Some Notes on Luminosity in Insects. (*Ent. Mo. Mag.* LX 173-178; Aug. 1924.)

Blunck, H., and Speyer, W.—Kopftausch und Heilungsvermögen bei Insekten. (*Zeits. wiss. Zoologie* CXXIII 156-208, 2 figs; June 1924.)

Blüthgen, P.—

Beiträge zur Systematik der Bienengattung *Halictus*, Latr. (Hym.) (*Konowia* III 253-284; Oct. 1924.) [*H. marginatus*, Brullé = *nireus*, Bingham, p. 281, S. Europe, Turkestan, Kashmir.]

Blüthgen, P.—contd.

Beiträge zur Systematik der BienenGattung *Sphcodes*, Latr. II. (Deuts. Entom. Zeits. 1924, pp. 457-516; Dec. 1924.) [*S. intermedius*, Bl., p. 457, Quetta; *S. sareptensis*, Meyer, pp. 460-463, Quetta; *S. turneri*, Cockill, pp. 488-489, Tenasserim; *S. fumi-pennis*, sm., pp. 489-490, Sikkim; *S. bischoffi*, n. sp., pp. 494-495, Maymyo Su aatra; *S. binghami*, n. sp. (= *apicatus*, Bingham, nec. Sm.), pp. 495-498, Pegu Hills; *S. gibbus*, L., p. 498, Srinagar, Gandarbal (Kashmir); *S. crassicornis*, sm., pp. 498-501, Mt. Abu, Deesa, Bankar, Chapra, Coimbatore; *S. albifrons*, Sm., pp. 501-504, Bombay, Nasik, Baghownie (Bihar); *S. dutti*, n. sp., pp. 506-507, Coimbatore; *S. fulvicornis*, n. sp., pp. 508-509, Deesa; *S. setiger*, n. sp. pp. 511-512, Simla; *S. matheranensis*, n. sp., pp. 512-513, Matheran; *S. simlaensis*, n. sp. 514-515, n. sp. Simla.]

Bose, B. B.—Life-history of *Danaus limniace* Cram., and its parasites. (Proc. Fifth Entom. Meeting, pp. 280-288, t. 26; June 1924.)

Braun, A. F.—The Frenulum and its Retinaculum in the Lepidoptera. (Ann. Ent. Soc. Amer. XVII 234-256, tab.; Sept. 1924.)

Brug, S. L.—Notes on Dutch East Indian Mosquitos. (Bull. Ent. Res. XIV 433-442, 8 figs; May 1924.) [Indian spp.]

Brunetti, E.—*Microdon apiformis*, Brun., re-named. (Rec. Ind. Mus. XXVI 153; Apl. 1924.) [*M. apidiformis*, n.n.]

Bryant, G. E.—

New Species of Phytophaga. (Ann. Mag. Nat. Hist. (9) XIII 299-304; Mar. 1924.) [Eumolpidae: *Trichotheca aeneopicea* n. sp., pp. 300-301, Kangra.]

New Species of Phytophaga (Coleoptera). (Ann. Mag. Nat. Hist. (9) XIV 247-252; Aug. 1924.) [Halticidae: *Longitarsus cyanipennis*, n. sp., pp. 249-250 Lahoul.]

Buxton, P. A.—On predicting the seasonal prevalence of an Insect. (Trans. R. Soc. Trop. Med. Hyg. XVI, 465-469, Feb. 1923.)

Buys, K. S.—Adipose Tissue in Insects. (Journ. of Morphology, XXXVIII 485-528, tt. 1-8; June 1924.)

C

- Cameron, M.—New species of Staphylinidae from India. (*Trans. Ent. Soc., London*, 1924, 160-198; Aug. 1924.)
- Carpenter, G. H.—Collembola of the Siju Cave, Garo Hills, Assam. (*Rec. Ind. Mus.* XXVI 285-289, figs.; June 1924.) [Entomobryidae: *Lepidocyrtus magnificus*, n. sp., pp. 285-286, ff. 1-3; *L. exploratorius*, n. sp., p. 286, ff. 4-6; *Paronella brunnea*, n. sp. p. 287, ff. 7-9; *Cyphoderopsis gracilis*, n. sp. pp. 288-289, ff. 10-12.]
- Cathcart, G. E.—Notes on the use of artificial light in Sandfly destruction. (*Journ. R. A. M. C.* XLI 447-450, 2 figs.; Dec. 1923.) [Abstr. in *Rev. Appl. Ent.* B. XII 24.]
- Caudell, A. N.—Malayan and East Indian Blattidae I. (*Philipp. Journ. Sci.* XXIV 641-666, t. 1; June 1924) [Introduction and subfam. Panesthinae.]
- Champion, G. C.—
On a new subfamily of Clavicorn Coleoptera. (*Ent. Mo. Mag.* LX 25-29, figs.; Feb. 1924.) [Thaumastodinae, subf. nov. of Byrrhidae, p. 25; *Acontosceles*, n.g., pp. 27-28, type *hydroporoides*, n. sp., p. 29, ff. B 1-10, Haldwani.]
Some Indian Coleoptera [Part 13]. (*Ann. Mag. Nat. Hist.* (9) XIII 249-264, figs.; Mar. 1924.) [Helodidae: *Eubria minima* n. sp., p. 250, Haldwani; *Schinostethus nigricornis*, Waterh. 1880, p. 251, Shillong, Kumaon, Darjiling; *Psephenoides volatilis* n. sp., pp. 251-253, ff. A, 1, 2, Haldwani, Ranikhet. Telephoridae: *Silis pectinicornis* n. sp., ff. B, 3, 4, pp. 253-254, Kumaon; *S. lividipennis*, n. sp., pp. 254-255, ff. B, 5, 6, Nilgiris; *Spalnia-nus*, n. sp., pp. 255-256, ff. B, 7, 8, Palnis; key to *Silis* spp. p. 256; *Malthinus stramineus*, n. sp., pp. 256-257, Palnis; *Ichthyurus ranikhetensis*, n. sp., p. 257, ff. C, 1, 2, Ranikhet; *I. nigricauda*, n. sp., pp. 257-258, ff. C, 3, 4, Gokteik; *I. tridens*, n. sp., pp. 258-260, ff. C, 5-7, Ranikhet; *I. annulatus*, n. sp., p. 260, ff. C, 8, 9, Gopaldhara (Sikkim); *I. malthiniformis*, n. sp., pp. 260-261, f. C, 10, Pindar Valley. Melyridae: *Attalus palniensis*, n. sp., pp. 261-262, Palnis; *A. sejunctus*, n. sp., p. 262, Palnis; *Hyphaeus nainiensis* Champ. 1922, male descr., pp. 262-263;

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Nainital. Sphindidae: *Aspidiphorus asiaticus*, n. sp., p. 263, Nainital. Melandryidae: *Tetralonus cyanoptera*, n. sp., pp. 263-264, Tonglo (Sikkim). Pythidae: *Sphaeristes nigrocyanus*, n. sp., p. 264, Nainital.]

Some Indian Coleoptera (14). (*Ent. Mo. Mag.* LX 159-168, July 1924; 169-172, Aug. 1924.) [Staphylinidae: *Hyposenus coclogaster*, n. sp., pp. 159-160, Ranikhet; *H. rufoplagiatus*, n. sp., p. 160, Haldwani; *H. paederinus*, n. sp., pp. 160-161, Haldwani. Silphidae: *Agathidium maculicollis*, n. sp., p. 161, W. Almora; *Hydnobius contractus*, Champ. 1919, pp. 161-162, Bengal, Haldwani male descr.; *Cyrtusa rotundata*, n. sp., p. 162, Nainital; *Pseudoclenis hemisphaerica*, n. sp., p. 162, Nilgiris; *Ps. curvicornis*, n. sp., p. 163, Nilgiris, Dikoya, Bogawantalawa; *Ps. disparilis*, n. sp., p. 163, fig. 1*h*, Nainital. Phlaeridae: *Sphaerostilbus*, n. g., p. 164, type *dilatatus*, n. sp., p. 164, ff. 1*a-g*, W. Almora, Nilgiris, Borneo; *Heterostilbus*, n. g., p. 165, type *marginatus*, n. sp., p. 166, Kumaon; *H. luvigatus*, n. sp. p. 166, Naini Tal, W. Almora. Cryptophagidae: *Cryptophilagus clavator*, n. sp., pp. 166-167, fig. 1*h*, W. Almora; *Trogoecryptoides* n. g., p. 167, type *brachyderus*, n. sp., p. 168, ff. 2, 2*a-c*, W. Almora. Monotomidae: *Europs alutacea*, n. sp., p. 168, W. Almora; *Monotomopsis andreossi*, Grouv., p. 169, Kandy, Nilgiris, Kumaon; *Mimodes megaloccephalus*, n. sp., pp. 169-170, W. Almora. Colydiidae: *Ocholissa laticeps*, Grouv., p. 170, Belgaum, W. Almora. *O. humeralis*, Fairm. p. 170, Ceylon, Borneo, Batchian, Nias, Madagascar, Tahiti etc.; *O. harmandi*, Grouv., pp. 170-171, redescr., Darjiling, W. Almora. Melandryidae: *Mycteris maculosus*, n. sp., pp. 171-172, Darna Hills; *M. nodicornis*, n. sp., p. 172, f. 2*d*, Nilgiris.]

Some Indian Coleoptera (15). (*Ent. Mo. Mag.* LX 234-240 Oct. 1924), 241-247 (Nov. 1924).

Additional species of Xylophilidae from the Philippines, India, Fiji, and S. and W. Africa. (*Ann. Mag. Nat. Hist.* (9) XIII, 481-499; May 1924. [*Xylophilus sexdentatus*, n. sp., pp. 482-483, Vizagapatam; *X. patucki*, n. sp., pp. 483-484, Vizagapatam; *X. luteitarsis*, n. sp., pp. 484-485, Ranikhet, Sikkim; *X. seminigir*, n. sp., p. 485, Haldwani, ? Nilgiris; *X. trapeziderus*, n. sp., pp. 485-486, Ranikhet; *X. haldwaniae*, n. sp., p. 486, Haldwani; *X. breviscopia*, n. sp., pp. 486-487, Ranikhet; *X. tetrus tictus*, n. sp., p. 487, Sukhatal (Kumaon; 8 000 ft.); *X. melanostictus*, n. sp. pp. 487-488, Almora; *X. kumaonae*, n. sp., pp. 488-489

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Haldwani; *X. latidens*, n. sp., p. 489, Haldwani; *X. basifuscatus*, n. sp., pp. 489-490, Kumaon; *X. subrufus*, n. sp., p. 490, Vizagapatam; *X. bifossulatus*, n. sp., pp. 490-491, Sikkim.]

Chatterjee, S. N.—A note on some discrepancies in Fauna of British India, Butterflies. (Bombay Nat. Hist. Soc. Journ. XXIX, 814-845, Feb. 1924.)

China, W. E.—A preliminary revision of the Oriental species of *Leptocoris*, Latr. (Hemiptera, Coreidae.) (Bull. Ent. Res. XIV 235-239, 14 figs.; Mar. 1924.) [*L. acuta*, Thunb., pp. 236-237, ff. 1, 2, Ceylon, S. India, Himalaya, Assam, Siam to Philippines and Celebes; *L. varicornis*, Fb., p. 237, ff. 5, 6, Ceylon, N. India, Assam, Burma, Tonkin to Philippines and Australia; *L. lepida*, Bredd., pp. 238-239, ff. 7, 8, Ceylon, Dehra Dun, Sikkim, Burma, Malay States, Borneo; *L. costalis*, H. S., p. 239, ff. 13, 14, Burma, Siam to Formosa, Borneo and Java.]

Notes on Jassoidea (Homoptera). (Entom. LVII 216; Sept. 1924.) [Synonymy.]

Chopard, L.—

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Wallon (Ahmednagar Dists.), associated with *Pheidole sulcaticeps*
poonensis, Forel; *Sitalia severini*, Lewis, pp. 307-308, remarks;
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pp. 300-302, ff. 2, 3¹. S. Kanara; *Eutermes processionarius*, n. sp.,
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Szilady, Z.—*contd.*

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Wasmann, E.—contd.

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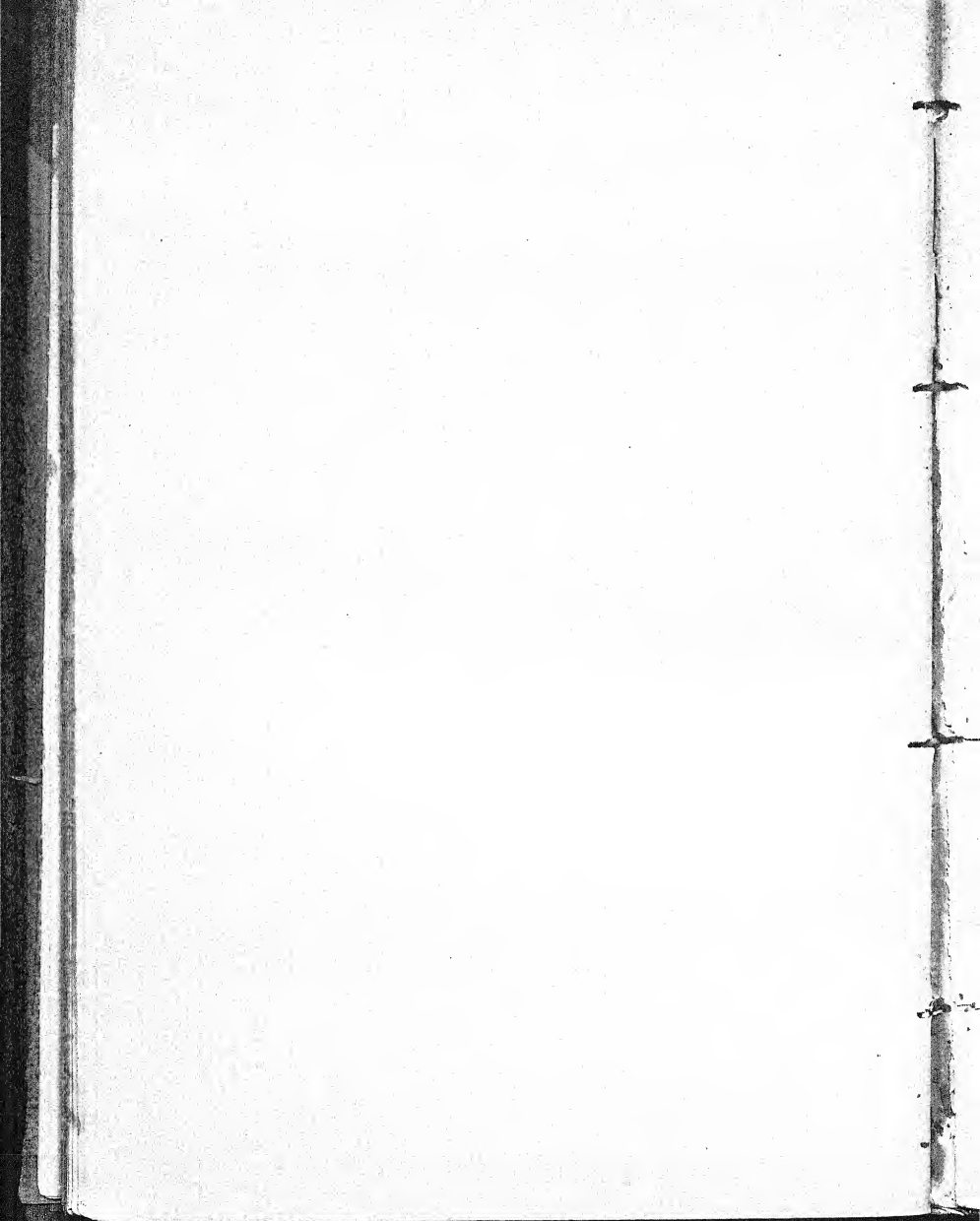
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What are the sounds that insects hear? (*Scientific American*, 390-1, June, 1925.)

Abbot, C. E.—Associative Memory in the Larvae of *Anax junius*. (*Ann. Ent. Soc. America*, XVIII, 533-536, Dec. 1925.)

Achard, J.—Catalogue des Scaphidiidae de la Faune palearectique. (*Bull. Soc. Ent. Belg.*, VI, 143-145, Jan. 1925.) [Key to genera, pp. 144-146.]

Adkin, Robert.—Dispersal of butterflies and other insects. (*Nature*; CXVI, 467, Sept. 1925.)

Adler, S., & Theodor, O.—

A Sporozoon of *Phlebotomus papatasi*. (*Ann. Trop. Med. & Parasit.*, XIX, 309-313, Sept. 1925.)

The experimental Transmission of Cutaneous Leishmaniasis to Man from *Phlebotomus papatasi*. (*Ann. Trop. Med. & Parasit.*, XIX, 365-371, Sept. 1925.)

Alberts, H. W., and Flint, W. P.—The effect upon the vitality of seed corn of temperature that will kill seed infesting insects. (*Jl. Eco. Ent.*, XVIII, 771-776, Dec. 1925.)

Aldrich, J. M.—

A New Tachinid Parasite of a Cocoanut Moth in South Asia. (Diptera.) (*Proc. Ent. Soc. Wash.*, XXVII, 13, Jan. 1925.) [*Ptycho-myia remota*, n. sp., bred from the caterpillar of *Ariona catexantha*, Hampson, attacking cocoanuts in the Federated Malay States.]

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Two New Species of the Tachinid genus *Lixophaga* with notes and key (Diptera). (*Proc. Ent. Soc. Wash.*, XXVII, 132-136, June 1925.)

Alexander, W. B.—Natural Enemies of Prickly Pear and their Introduction into Australia. (*Bull. No. 29, Inst. of Sc. & Industry, Australia, 1925.*)**Alfken, J. D.—**Zwei neue indische *Proctopis*-Arten und über die 3 grossen indischen *Xylocopa* spp. (Apid). (*Ent. Mitteilungen*, XIV, 371-76, Oct. 1925.) [*X. latipes* Drury and *X. tenuisqaa*, Westw. pp. 373-375, descriptive notes.]**Ali, S.—**Citrus-psylla and how to control it? (*Punj. Agric. Dept. Seasonal Notes*, II, 30-31, Mar. 1925.)**Andrews, E. A.—**The Thrips Pest of Tea in Darjeeling. (*The Indian Tea Association, Scientific Dept., Quarterly Journal*, Part II, 60-105, 1925.)**Andrews, E. A., and Tunstall, A. C.—**Notes on the Spraying of Teal (*Indian Tea Assoc. [Rev. Edn.]*, 10 pls. 1925.)**Andrewes, H. E.—**

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- Papers on Oriental Carabidæ, XV. (*Ann. Mag. Nat. Hist.* XI, 306-13, Feb. 1925.) [Nebriini: *Nebria elegans*, n. sp., United Provinces, Kumaon, West Almora Division, Sunderdhunga, 8,000-12,000 ft.; *N. pindarica*, n. sp., United Provinces, Pindar Valley, 8,000-11,000 ft.; *N. cameroni*, n. sp., United Provinces, Mussoorie, Dehra Dun, Siwalik Hills, West Almora, *N. aborana* n. sp., Assam, Naga Hills, 4,000 ft. Banks of Dihong River, Janakmukh, 600 ft.; *N. cinctella*, n. sp., United Provinces, Dehra Dun, Mothronwala; *Leistus nivium*, n. sp., Kashmir, Dusu.]
- Notes on Oriental Carabidæ. (*Ent. Mo. Mag.*, LXI, pp. 49-58, March 1925) [Genus *Asaphidion*; Key to spp., p. 50; *A. championi*, Andr., redesc., India: Kumaon, Spiti, Sikkim, Assam-Bhutan frontier, p. 52; *A. obscurum*, n. sp., Garhwal: Dudhatoli, pp. 52-53; *A. cuprascens*, n. sp., Kumaon, Ha'dwani Division

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A New Process of Preventing the Ravages of the clothes Moth (Lepid. Tineidae). (*The Entomologist*, LVIII, 61-62, March 1925.) [Incorporation of Eulan into woolen textiles and other fabrics giving permanent protection against moth damage.]

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- II. Die Gattungen *Atasthalus*, *Bolitoxenus*, *Bolitomaus*, und *Sumbawia*. (XXVI, 423-444, tt. 1-2, Mar. 1925.) [Genus *Atasthalus* Pascoe, Key spp. 423-424. Gen. *Bolitoxenus* Motschulsky, disc. 427-428, key spp. 428-429. Gen. *Bolitomaus* Lewis, 437, key spp. 438. *B. 4-dentatus* (Candeze), Ceylon, desc. 440. Gen. *Sumbawia*, n. g. 441-442, *S. tetrops*, n. sp., Sumbawa, 442-444, t. 1, fig. 7; t. 2, fig. 7.]
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- IV. Die Gattungen *Phlaeopsidius*, *Dysantes*, *Basanus*, und *Diaperis*. (XXVII, 131-156, t. 1, May, 1925.) [Dysantinae, subfam. new: *Phlaeopsidius*, n. g. type *Endophlaeus flexuosus* Solander, 131-132. Diaperinae: general; key to genera, 142-143. *Basanus* Lacordaire, key spp. 144-145. *Diaperis* Linn. key to spp. 155.]

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- V. Die Gattung *Ceropria*. (XXVII, 257-288, t. 1, June, 1925.)
[Key to spp. 259-261. *C. decolorata*, n. sp., 265-266. *C. induta* var. *purpurina*, n. var., Südindien, Himalaya, Assam etc., 277. *C. serripes*, n. sp., Tenasserim, 284-286.]
- VI. Die Gattungen *Ischnodactylus*, *Hoplocephala*, und *Mutianus*. (XXVII, 423-452, t. 1, July, 1925.) [*Ischnodactylus*, key to spp. 424-426, *I. unifasciatus*, n. sp., Ober-Assam, 444-445, t. 2, fig. 6.]
- VII. Die Gattung *Platyedema* Castelnau und Brulle. (XXVII, 539-593, t. 1, Aug. 1925.) [Key to groups, 540. Key to Asiatic spp. 540-545, and 545-547. *P. ferruginum* (Motschulsky) desc., Burma, 547-549. *P. pallidicelle* Lewis, Bengalen; Hinterindien; Cochin China, Formosa, Japan, Java, Philippin, Insel Dummer, Surigao, Luzon, 551-555, t. 1, fig. 1. *P. subfascia* (Walker) desc., India, Japan, China, Sumatra, Java, Borneo, etc., 563-565. *P. pictipennis*, n. sp., S. Indien, 567-569, t. 1, fig. 12. *P. chalcum*, n. sp., Malabar (Gebrige, Java, 572-573. *P. tricuspis* Motschulsky, Indien, Burma, Sumatra, Java, Borneo, Neu-Guinea, Australien etc., 578-580. *P. detersum* (Walker) desc., Ceylon, Burma, Annam, Formosa, Sumatra, Siboga, Java, Borneo, Philippinen, Neu-Guinea, Neu-Süd Wales, Queensland, etc., etc. 583-585. *P. velutinum* Walker, Ceylon, Negombo, Puttalam, Nalanda, Anardadhipura, 586-588.]
- VIII. Die Gattungen *Anisocara*, *Spiloscapta*, *Menimus*, *Labidocera* und *Pentaptyllus*. (XXVIII, 101-128, t. 1, Sep. 1925.) [*Anisocara*, n. g., 101-102, *A. gynandromorpha*, n. sp., Java, 102-103, t. 1, fig. 1. *Menimus* Sharp, new desc. 106-107. Key to Asiatic spp., 108-109; *M. rugicollis*, n. sp., Ceylon, 113-114, t. 1, fig. 2. *M. oralis* Allard, desc., Trichinopoly, Madura, Shembagnur, Khasias, 114-116, t. 1, fig. 3. *M. indicus*, n. sp., Madras, 116-117. *Labidocera*, n. g., 117-119. *L. abnormis*, n. sp., Mentawai, Java, 119-120, t. 1, fig. 4. *Pentaptyllus* Latreille, Key to spp. 121, *P. basalis*, n. sp., Ceylon, 121-122. *P. bifasciatus*, n. sp., Neu-Guinea, 123. *P. mentawicus* n. sp., Mentawai, 124-125. Many new spp. from other regions, and old spp. redescribed.]

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acerifolium; *P. scutellaris*, sp. n., United Provinces: Riverian Forest, Nagsidh, Dehra Dun, bred from *Eugenia jambolana*; Lachiwala Range, Dehra Dun, bred from *Acacia pennata*; Bombay: Nasik, bred from *Cassia auriculata*.]

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Phaloniadae: *Phalonia thermoconis*, n. sp., p. 139, Kashmir;

Srinagar, 5,200 ft.; Kumaon, Muktesar, 7,060 ft.; Eucosmidae:

Acroclita paulina, n. sp., p. 140, Kumaon, Muktesar, 7,000 ft.;

Eucosma hypsidryas, n. sp., pp. 140-1, India: U. P. Deolan,

Chakrata Div., 9,000 ft. (bred from larva in buds of *Picea morinda*);

Eucosma phoenocrossa, n. sp., p. 141-2, South India, Travancore

(bred from *Careya arborea*); *Eucosma dryocarpa*, n. sp., p. 142,

India, U. P. Mussorie, 6,000 ft., Dehra Dun, (bred from *Quercus*

dilatata); *Argyroploce niphodella*, n. sp., pp. 142-144, Assam;

Shillong, 5,000 ft.; *Laspeyresia amphilecta*, n. sp., p. 145, Bihar;

Meyrick, E.—*contd.*

Pusa; Blastobasidae: *Blastobasis ochromorpha*, n. sp., 145, India: U. P., Dehra Dun (bred from seeds of *Shorea robusta*); *Xylcryctidae*: *Acolanthes ampelurga*, n. sp., p. 146, Kumaon, Muktesai, 7,000 ft.; *Ptochoryctis involuta*, n. sp., p. 152, Bombay, Karwar.] Wegener's Hypothesis and the Distribution of Micro-lepidoptera. (*Nature*, CXV, 834-835, May 1925.)

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Ochs, G.—*contd.*

province, Tsha-jiu-san hill tracts; *O. kempi*, Yembung, 1,100 ft.; *O. neglectus*, Base of West Himalayas, Naini Tal District, Baren; *O. gravelyi*, Chota Nagpur, Chaibassa River; *O. scalaris* Reg. sub-sp. *andamanarum*, Andaman Islands; sub-sp. *parvulus*, Lower Burma, Amherst Dist., Kawkaireik; *O. fletcheri*, South Malabar, Kollengode; *O. marginipennis*, Aube. sub-sp. *angustilimbus*, Dehra Dun, U. P. West Himalayas, Lachiwala; Sub-sp. *parvilimbus*, China, Canton Province, Tsha-jiu-san; *O. cylindricus* Reg., Pusa (Bihar); *O. coronatus*, N. E. Assam, Sadiya, Dikrang River; *O. annandalei*, South India, Travancore, West side of Western Ghats, Tenmalai.]

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Bibliographical.

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ANONYMOUS (Anti-malaria advisory Comm. report); BARNES (Oil films and mosquito larvae); BRUMPT (Resistance of eggs of *A. maculipennis*); BUNKER AND HIRSCHFELDER (Mosquito repellents); BUXTON AND HOPKINS (Attraction of *Slegomyia* to hay infusions); CHARBRIER (Oils, etc., and mosquito larvae); CHRISTOPHERS, GILL (*A. rossii* and malaria); KERLANDER (Insect predators of mosquito larvae); MARSHALL, J. E. (Mosquito control); PARAVENTZLER (Mosquito eradication); SENIOR-WHITE (Eradication of malaria, Ceylon mosquitoes); STRICKLAND (Mosquito and malaria). [See also under Control measures, Bionomics, etc.]

Sand flies : Kala-azar :

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Transmission of dengue.

CHANDLER; MEGAW.

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Veterinary.

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General—*contd.*

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Heat.

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Insecticides, etc. (General).

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Stomach insecticides.

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Rat control.

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PARASITES AND PREDATORS OF INSECTS.

Fungi.

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The Standard Bookstall, Quetta.
U. P. Waliltra & Co., Quetta.
J. Jey & Sons, 45, K. & L, Edwardes Road, Rawalpindi, Murree.
The Standard Book Depot, Lahore, Lucknow, Nahitai, Meerour, Dilligah, Ambala Cantt. and Delhi.
K. B. Bhatnagar, Super, Nadir Kanna Hild Press, Allahabad.
The North India Christian Tract and Book Society, 18, Ghyva Road, Allahabad.
Rani Dayal Agarwala, 181, Katra, Allahabad.
Manager, Newal Kishore Press, Lucknow.
The Upper India Publishing House, Ltd., 41, Aminabad Lane, Lucknow.
Munshi Soeta Ram, Managing Proprietor, Indian Army Book Depot, Jullu, Gwalpore.
Rai Sahib M. Ghah Singh & Sons, Muddi-Aun Press, Lahore and Allahabad.
Ratan Krishna & Sons, Booksellers, Amarkal, Lahore.
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The Think School Bookshop, Lahore.
The Standard Bookstall, Lahore.
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Proprietor, Rangoon Times Press, Rangoon.
The Modern Publishing House, Ltd., 30, Playze Street, Rangoon.
The International Buddhist Book Depot, Post Box No. 971, Rangoon.
Burna Book Club, Ltd., Rangoon.
Manager, The "Himavata," Nagpur.
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S. C. Talukdar, Proprietor, Students & Co., Couch Behar.
Times of Ceylon Co., Ltd., Colombo.
The Manager, Ceylon Observer, Colombo.
The Manager, The Indian Book Shop, Rangoon City.
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Banwar Lal, Esq., Pakizari Street, Pilibhit United Provinces.
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(Received for publication on 9th April 1927)

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Abbott, C. E.—Methods of Orientation in Dragonfly Larvæ. (*Psyche* XXXVIII 124-126; Oct. 1926.)

Abbott, W. S.—Determining the effectiveness of dormant treatments against the San José Scale. (*Jl. Ec. Ent.* XIX 858-860; Dec. 1926.)

Abney, L.—The Occipital Suture and its relation to a protocular Sclerite. (*Ann. Ent. Soc. America* XIX 286-289, t. 23; Sept. 1926.)

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On the Status of the generic name *Anthrax*, Scopoli (*Insec. Inscit. Menstr.* XIV 12-14; Mar. 1926.) [*Anthrax*, Scop. 1763, genotype *anthrax*, Schrank 1781 (= *morio*, Scop. 1763, *nec* Linn. 1758)]

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is prior name of *Argyrotaenia*, Schiner 1860, as previously pointed out by Bezzi.]

What is *Oestrus nasalis*, Linnaeus? (*Insec. Inscit. Menstr.* XIV 15-16; Mar. 1926.)

A new genus of Heleomyzidae from Chile, with key to genera. (*Insec. Inscit. Menstr.* XIV 96-102; May 1926.) [Key to genera of Heleomyzidae, with genotypes, pp. 99-102.]

Descriptions of new and little-known Diptera. (*Proc. U. S. Nat. Mus.* LXIX, Art. 22, No. 2648: 1926.) [Trypetidae: *Pelmatops ichneumonae*, Westw., pp. 3-5, redescr., Chengtu (Szechuen). Anthomyiidae: *Mesembrina tristis*, n. sp., p. 7, Songpan (12000-18000 fr.), Tatsienlu (13000-14500 ft.). Sarcophagidae: *Wohlfahrtia atra*, n. sp., pp. 10-11, Songpan (Szechuen). Tachinidae: *Peteina hyperdiscalis*, n. sp., pp. 19-20, Tatsienlu; *Simonia*, n. g., pp. 20-21, type *grahami*, n. sp., pp. 21-22, Suifu; *Eucomus*, n. g., p. 22, type *strictus*, n. sp., pp. 22-23, Songpan.]

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On a Collection of Carabidae from the Kumaon-Tibetan Frontier. (*Ent. Month. Mag.*, LXII, 65-80, map; Mar. 1926.)

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Papers on Oriental Carabidæ. XVI. (*Ann. Mag. Nat. Hist.* (9th s.), XVII, 252-259; Feb. 1926.) [*Calathomimus vittatus*, n. sp., Ceylon : Woodside, Urugalla, p. 254-255; *Colpodes sebosus*, n. sp., Ceylon : Pidurutalagalla, p. 257-258.]

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Brief Descriptions of new Thysanoptera. XV. (*Ann. Mag. Nat. Hist.*, (9th s.), XVIII, 98-114; July 1926.) [*Brachyprothrips indicus*, n. sp., Calcutta, p. 98-99; *Physothrips immisi*, n. sp., near Bhowali (Kumaon), p. 106-107; *Thrips immisi*, n. sp., Dehra Dun, near Bhowali (Kumaon), p. 110; *Thrips melanurus*, n. sp., Darjiling, p. 11-112;]

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Alwis, E. de.—Two Caterpillar Pests of the Dadap (*Erythrina lithosperma*). (*Ceylon Dept. Agric. Year-Book*, pp. 54-56, tt. 15, 16; Mch. 1927). [*Terastia meticulosalis*, Gn., pp. 54-55, t. 15; *Agathodes orientalis*, Hb., pp. 55-56, t. 16 : life-histories and control].

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- Blair, K. G.**—Heteromera of the Third Mt. Everest Expedition, 1924. (*Ann. Mag. Nat. Hist.*, 241-255; Feb. 1927). [Tenebrionidae, pp. 242-248; *Stenillus*, n. g., p. 245, type *monticola*, n. sp., p. 245, Tibet (13,500 ft.); Cistelidae: *Allecula himalaica*, pp. 248-249, *A. seminitens*, p. 249, n. spp., 10,000-11,000 feet; Lagriidae: *Lagria tibetana*, n. sp., pp. 249-250, Tibet (10,000-11,000 ft.); Pedilidae, p. 250; Mordellidae: *Anaspis (Silaria) everestina*, n. sp., pp. 250-251, 11,000 feet; Anthicidae: *Anthicus hingstoni*, n. sp., pp. 251-252, 14,000-17,000 ft.; Meloidae: *Mylabris longiventris*, pp. 253-254, Tibet, Sikkim; *M. hingstoni*, n. sp., pp. 254-255, Tibet].

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First Note on the Zoocecidia of Palestine. (*Bull. Soc. R. Entom. Egypte* 1926, pp. 64-88, figs.; Feb. 1927). [*Phthorimæa heliopa*, Low., pp. 66-67, f. 1, on tobacco].

Ueber die oekologischen Grenzen der Verbreitung von *Calandra oryzae*, L., und *Calandra granaria*, L. (Col. Curcul). (*Zeitschr. Wiss. Insektenbiol.* XXII, 65-73; May 1927).

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Boucmon, A., and Gillet, J. J. E.—Scarabaeidae: Coprinae II. Termitotroginae. (*Junk's Coleopt. Catal.* pt. 90; pp. 103-263 +[264]; Berlin, Sept. 1927).

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New Staphylinidae from Ceylon. (*Spolia Zeylan.* XIV, 115; Apl. 1927). [*Paederus amplicollis*, Kr., var. *nigrescens*, nov., Nuwara Eliya; *Cryptobium unicolor*, n. sp., Vavuniya.].

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distr. ; *S. septemnotatum*, n. sp., p. 270, Gopaldhara ; *S. cinnamomeum*, n. sp., pp. 270-271, W. Almora ; *S. cyanellum*, Obth. 1884, p. 271, redeser., N. India, Shillong ; *Cyparium plagipenne*, Achard 1922, p. 271, redeser., "India," W. Almora, Gopaldhara ; *C. montanum*, Achard 1922, redeser., Simla, Gopaldhara, Darjiling ; *Heteroscapa distincta*, Achard 1920, p. 272, Burma, Gopaldhara, Patkai Hills ; *Toxidium arcuatum*, n. sp., p. 272, Haldwani distr. ; *T. curtilineatum*, n. sp., p. 273, Haldwani distr. ; *T. gibbosum*, n. sp., p. 273, Haldwani distr. ; *Pseudobironium almoranum*, n. sp., p. 273, W. Almora ; *Baeocera inaequicornis*, n. sp., W. Almora, p. 274 ; *Scaphosoma*, Leach, p. 274, key to spp. ; *S. cruciatum*, n. sp., p. 275, Haldwani distr. ; *S. ornatum*, n. sp., p. 275, Kumaon ; *S. tetrastictum*, n. sp., p. 275, Kumaon, W. Almora, in logs of *Pinus longifolia* ; *S. leucopyga*, n. sp., p. 276, Kumaon ; *S. mutuum*, n. sp., p. 276, Kumaon, Darjiling distr. ; *S. forcipatum*, n. sp., pp. 276-277, f. 1, Naini Tal, Gopaldhara ; *S. prehensor*, n. sp., p. 277, Haldwani, Ranikhet ; *S. cribripenne*, n. sp., pp. 277-278, Haldwani distr. ; *S. ebeninum*, n. sp., p. 278, Pindari Valley, Almora ; *S. minutissimum*, n. sp., p. 278, Kumaon ; *Mysthrix*, Blair, n. g., p. 278, type *termitophilum*, Champion, n. sp., pp. 278-279, tt. 5, 6, Haldwani distr., found in Termites' fungus-comb.]

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A

Aldrich, J. M.—

Five new parasitic Flies reared from Beetles in China and India.

(*Proc. U. S. Nat. Mus.* LXXIV, Article 8, pp. 1-7 : 1928.) [*Adaptisia flavisetia*, n. sp., pp. 2-3, Shillong.]

Three new species of two-winged Flies of the Family Bombyliidae from India. (*Proc. U. S. Nat. Mus.* LXXIV, Article 2, pp. 1-3 : 1928.) [*Aphabuntus clauseni*, n. sp., pp. 1-2, Shillong ; *A. seratus*, n. sp., p. 2, Shillong ; *Exoprosopa siphia*, n. sp., pp. 2-3, Shillong ; all secondary parasites on *Tiphia* spp. parasitic on Rutelid Beetles.]

Alpatov, W. W.—Variation of Hooks on the Hind Wing of the Honey Bee (*Apis mellifera*, L.). (*Woods Hole Biol. Bull.* LV, 209-234 ; Sept. 1928.)

Alwis, E. de.—The Brinjal Leaf-webber, *Psara* (*Pachyzancla*) *bipunctalis*, Fb. (*Trop. Agric.* LXX, 87-89, tab. ; Feb. 1928.)

Andres, A.—The Dragonflies of Egypt. (*Mem. Soc. R. Ent. Egypte*, Vol. III, fasc. 1, pp. 43, tt. 1-5, Nov. 1928.) [Several Indian species are included.]

Andrewes, H. E.—

A Catalogue of the Carabidae of Ceylon. (*Spolia Zeylan.* XIV, 135-195 ; 12 Mar. 1928.)

On the types of Oriental Carabidae described by V. de Motehulsky. (*T. E. S.* LXXVI, 1-24 ; 18 Aug. 1928.)

Papers on Oriental Carabidae XXI. (*Ann. Mag. Nat. Hist.* (10) II, 586-590 : Dec. 1928.) [Synonymy.]

Andrewes, E. A.—On the incidence of Insect Pests and Fungus Diseases on Tea at Tocklai. (*Ind. Tea Assocn. Sci. Dept. Qly. Jl.* 1928, pp. 173-177 : Sept. 1928.)

Aragao, Henrique de Beaurepaire.—Leishmaniose tegumentar e sua transmissao pelos phlebotomos. Tegumentary Leishmaniosis and its Transmission by Phlebotomi. (*Mém. Inst. Oswaldo Cruz*, XX, 177-187, t. 1, 1927.)

Arrow, G. J.—Polymorphism in Horned Beetles. (*T. E. S.* LXXVI, 73-77, t. 5; 18 Aug. 1928.)

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Baillon, P. Cappe de.—Embryogénie tératologique chez les Plasmides (*Menczenus semirarmatus*, Westw., et *Clitumnus artemis*, Br.). (*Bull. Biol. Fr. Belg.* LXII, 378-387, ff. 1-3; Oct. 1928.)

Barraud, P. J.—

A Revision of the Culicine Mosquitoes of India. Part XXIII. The genus *Aedes* (*Ind. Jl. Med. Res.* XV, 653-669, tt. 56-59; Feb. 1928.)

A Revision of the Culicine Mosquitoes of India. Part XXIV. The Indian species of the subgenera *Skusea* and *Aedes*, with descriptions of eight new species, and remarks on a new method for identifying the females of the subgenus *Aedes*. (*Ind. Jl. Med. Res.* XVI, 357-375, tt. 31-38; Oct. 1928.)

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Barraud, P. J. and Covell, G.—The Morphology of the Buccal Cavity in Anopheline and Culicine Mosquitoes. (*Ind. Jl. Med. Res.* XV, 671-679, tt. 60-67; Feb. 1928.)

Barrett, O. A.—The Diurnal and Annual Fluctuations of Temperature in the interior of a large Tree. [*Proc. R. Soc. Victoria* (n. s.) XII, 32-44; Sept. 1928.]

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Essai de lutte antilarvaire par l'emploi de poudre larvicide, dans une zone inondée du Bas-Dahomey. (*Bull. de la Soc. de Path. Exot.* XXI, 323-325, ff. 2; April 1928.)

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- Beattie, Mary V. F.**—Observations on the Thermal Death Points of the Blow-fly at different relative Humidities. (*Bull. Ent. Res.* XVIII, 397-403, ff. 2; May 1928.)
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- Beier, Dr. Max.**—Zur Zytologie des Nervensystems der Insekten während der Metamorphose. (*Zool. Anz.* LXXVII, 52-56, ff. 3; June 1928.)
- Benick, L.**—Ostasiatische Steninen (Col. Staph.). (*Stett. Ent. Ztg.* LXXXIX, 235-286, figs. ; 1928) [*Stenus kursonginus*, Bernh. pp. 239-240, f. 3, Masuri; *S. rugosissimus*, Champ., p. 240, f. 4, Masuri; *S. coronatus*, n. sp., pp. 245-246, Yunnanfu (Yunnan).]
- Bequaert, J.**—A study of certain Types of Diplopterous Wasps in the Collection of the British Museum. (*Ann. Mag. Nat. Hist.* (10) II, 138-174; July 1928.) [Useful notes on many Indian species.]
- Betrem, J. G.**—Monographie der Indo-Australischen Scoliden (Hym. Acul.) mit Zoogeographischen betrachtungen. (*Treubia* IX—Supplement pp. 1-388, tab. I-V; Jan. 1928) [Morphology and Anatomy, pp. 4-34; Biology, pp. 50-55; Key to spp. of genus *Campsomeris*, pp. 66-83; *Campsomeris (Dielis) madurensis*, n. sp., p. 105, Shembaganur, Madura; *Campsomeris (Dielis) assamensis*, n. sp., p. 111, Khasia, Assam; *Campsomeris (Dielis) rubromaculata*, subsp. *pseudindica*, n. subsp., p. 120, Urugalla, Ceylon; *Megacampsomeris* n. subgen., p. 138; *Campsomeris (Megacampsomeris) asiatica* subsp. *himalayana*, n. subsp., p. 141, Almorá, Jakula, Kumaon; *Campsomeris (Megacampsomeris) binghami*, subsp. *khasiensis* n. subsp., p. 143, Shillong, Khasia Hills; *Campsomeris (Megacampsomeris) cochinensis*, n. sp., p. 151, Parambikulam, 1,700-3,200 ft., Cochin State; *Campsomeris (Megacampsomeris) farrenwhitci*, n. sp., pp. 153-54, "East India"; *Campsomeris (Megacampsomeris) shillongensis*, n. sp., pp. 155-6, Shillong, Khasia Hills, 5,000 ft.; *Campsomeris (Megacampsomeris) dehraensis*, n. sp., pp. 156-57, Dehra Dun; synonymy of various species belonging to this genus. Key to sub-genera of *Scolia*, pp. 161-62; key to spp. of sub-genus *Liacos*, pp. 165-66; key to spp. of sub-genus *Carinoscolia*, pp.

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Bindra, S. S.—Studies on *Platyedra gossypiella*, Saunders, (Pink Boll-worm) in the Punjab. (*Ind. Agr. Enl. Mem.* X, 167-216, tt. 28-31; 1928.)

Blair, K. G.—Pythidae, Pyrochroidae. (Junk's *Coleopt. Catal.*, Pt. 99: Berlin, 8 Oct. 1928; pp. 41 & 14.)

- Bodine, J. H.**—Insect Metabolism. The Anaërobic Metabolism of an Insect (Orthoptera). (*Biol. Bull. Woods Hole* LV, 396-403; Dec. 1928.)
- Box, H. E.**—The Introduction of Braconid Parasites of *Diatraea saccharalis*, Fabr. into certain of the West Indian Islands (illustrated). (*Bull. Ent. Res.* XVIII, 365-370, ff. 2; May 1928.)
- Brain, C. K.**—The European Cabbage Worm (*Heliothis undalis*, Fabr.). (*S. Afr. Gardening and Country Life* XVIII, 193-194, 2 figs.; June 1928.)
- Brunetti, E.**—
New Oriental Asilidae (Diptera). (*Ann. Mag. Nat. Hist.* (10) II, 76-82; July 1928.) [*Stenopogon nigrofasciatus*, n. sp., pp. 76-77, Darjiling District, Teesta Road, 1,100 ft.; *Stichopogon maculipennis*, n. sp., pp. 77-78, Ceylon, Trincomali; *Microstylum whitei*, n. sp., pp. 78-80, Ceylon, Kanthalai; *M. rufobdominalis*, n. sp., pp. 80-81, Ceylon, Kanthalai; *M. basalis*, n. sp., pp. 81-82, Ceylon, Habarana.]
Revisionary Notes on the Diopsidae (Diptera). (*A. M. N. H.* (10) II, 266-273; Sept. 1928.) [Oriental spp. of *Telocopsis*, Rondani; Catalogue of *Telocopsis* and *Sphyrsecephala* spp.]
- Bugajew, I. I.**—Zum Studium des Baues der Malpighischen Gefäße bei den Insekten. (*Zool. Anzeig.* LXXVIII, 244-255, 12 figs.; 15 Sept. 1928.)
- Bugnion, E.**—Un grand vol de Libellules (*Hemianax ephippiger*, Burm.) observé au Maroc. (*Bull. Soc. Entom. France* 1928, pp. 242-244; Nov. 1928.)
- Buscu, A.**—*Phthorimæa lycopersicella*, new species (Family Gelechiidae), a Leaf Feeder on Tomato. (*Proc. Hawaii. Ent. Soc.* VII, 171-174, tt. 2-3; June 1928.) [Remarks on genitalia of *P. operculella*, figured, t. 2, f. 1, t. 3, f. 4.]

C

Cameron, M.—

On the Oriental species of the *Lithocharis ochracea* group of Staphylinidae. (*Ent. Mo. Mag.* LXIV, 244-247, figs. ; Nov. 1928.)

- The Staphylinidae of the Third Mount Everest Expedition. (*Ann. Mag. Nat. Hist.* (10) II, 558-569; Dec. 1928.) [*Amphichroum monticola*, n. sp., p. 558, Tibet; *Coprophilus subplagiatus*, n. sp., p. 558, Tibet; *Oxytelus hingstoni*, n. sp., p. 559, Upper Sikkim; *Stenus sikkimensis*, n. sp., pp. 559-560, Darjiling; *Poderus tibetanus*, n. sp., pp. 560-561, Rongshar Valley; *P. hingstoni*, n. sp., p. 561, Darjiling; *Othius ruficornis*, n. sp., pp. 561-562, Upper Sikkim; *Philonthus poëphagus*, n. sp., p. 562, Tibet; *P. azuripennis*, n. sp., p. 563, Tibet, Upper Sikkim; *P. yatungensis*, n. sp., p. 564, Yatung; *P. nigricornis*, n. sp., p. 564, Upper Sikkim, Tibet; *Staphylinus olivaceus*, n. sp., pp. 564-565, Upper Sikkim; *Ocypus aereus*, n. sp., pp. 565-566, Tangu; *Craspedomerus violaceipennis*, n. sp., pp. 566-567, Upper Sikkim, Tibet; *Algon scmiacereus*, n. sp., p. 567, Darjiling; *Tachyporus triangulum*, n. sp., pp. 567-568, Gantok; *T. maculipennis*, n. sp., p. 568, Rongshar Valley; *T. lugubris*, n. sp., pp. 568-569, Darjiling; *Atheta lugubris*, n. sp., p. 569, Tibet (17,000 ft.).]
- Campion, H. and Laidlaw, F. F.—Notes on Oriental Dragonflies, with Descriptions of New Species. (*P. Z. S.*, 1928, 129-138, 3 figs.; April 1928.) [*Mesogomphus henryi*, n. sp., pp. 131-132, Urugalla (Ceylon); *Orolestes wallacci*, Kirby, pp. 134-135, Assam, Tonkin, Malay Peninsula, Borneo, synonymy, key to spp.]
- Castro, A. B. de.—The Effects of Bee Venom. (*Bombay N. H. Soc. J.* XXXII, 805-807; June 1928.)
- Chapman, Royal N.—Quantitative Results in the prediction of Insect abundance on the Basis of Biotic Potential and Environmental resistance. (*Journ. Econ. Ent.* XXI, 349-351; April 1928.)
- China, W. E.—Terminal abdominal processes in a Jassid larva. (*Proc. Ent. Soc. Lond.* III, 21-23, figs. ; 18 Aug. 1928.)
- Chopard, L.—
Additional Notes on the Gryllidae of Ceylon (*Spolia Zeylan.* XIV, 197-208, tt. 13-16; Mar. 1928). [Several n. spp.]
Revision of the Indian Gryllidae. (*Rec. Ind. Mus.* XXX, 1-36 figs. ; April 1928.)
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The Habits of *Oecophylla smaragdina*. (*Proc. Ent. Soc. Lond.* II, 90-93; 5 April 1928.)
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tt. 25-28; Oct. 1928.)

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597-630, tt. 1-4; July 1928.)

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1924, et Remarques sur quelques espèces de l'Himalaya.
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thibetanus, n. sp., pp. 284-288, f. 1, Tibet, Upper Sikkim; *T.*
hingstoni, n. sp., pp. 288-289, f. 2, Upper Sikkim; *T. indicus*
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spp.]

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L. (Diptera Nematocera). (*Bull. Ent. Res.* XVIII, 211-236,
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Vorläufige Mitteilung über die wissenschaftlichen Ergebnisse meines Europa-Urlaubes. (*Entom. Mitteil.* XVII, 203-225; May 1928. [Key to subfamilies of Gyllacridæ, p. 225.]

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- Adler, S., and Theodor, O.**—Attempts to transmit *Leishmania tropica*—by Bite: the transmission of *L. tropica* by *Phlebotomus sergenti*. (*Ann. Trop. Med. Parasit.* XXIII, 1-18, t. 1; Apl. 1929.)
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- Annales historico-naturales Musei Nationalis Hungarici**, Vol. XXV; Dec. 1928; (recd. Oct. 1929). [This volume contains a useful list of papers contained in Vols. I-XXV.]

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- Chapman, H. G.—Note on the Mating Habits of *Rhyssa persuasoria*, Linn. (*Ent. Mo. Mag.* LXV, 231-232; Oct. 1929.)
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- Coad, B. R.—Organization and Progress of Pink Bollworm Research Investigations. (*Jl. Ec. Ent.* XXII, 743-750; Oct. 1929.) [Moths were found up to 3,000 feet above ground-level and may be transported by air-currents to great distances, perhaps 200 miles or over.]
- Cockerell, T. D. A.—Descriptions and Records of Bees CXIV (*A. M. N. H.* (10) III, 195-204; Feb. 1929). [*Andrena bombayensis*, Cam., is a *Nomia*, p. 200, redescri.; *A. mollis*, Smith, is a *Nomia*, p. 200, redescri. *Andrena morosa*, Cam., p. 201, redescri.]

- Cockerell, T. D. A.—Descriptions and Records of Bees CXVIII (*Ann. Mag. Nat. Hist.* (10) IV, 142-152; July 1929). [*Bombus flavescens*, Smith, p. 143, Darjiling; *B. orientalis buccinatoris*, Sm., p. 143, Darjiling.]
- Cockerell, T. D. A.—Descriptions and Records of Bees CXX (*Ann. Mag. Nat. Hist.* (10) IV, 584-594; Dec. 1929). [Remarks on some Indian species; *Trigona arcifera*, n. sp., pp. 591-592, Tista Bridge.]
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- Crawford, W. G.—The resting attitude of the Oriental Butterfly *Kalima*. (*Proc. Ent. Soc. London* III, p. 69; Mch. 1929.)
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- Curran, C. H.—New Syrphidae and Tachinidae. (*Ann. Ent. Soc. America*. XXII, 489-510; Sept. 1929.) [*Oriorhina*, key to Indian spp., p. 497; *C. pallidipes*, n. sp., p. 498, Deoban (Chakrata); *C. excavatus*, n. sp., pp. 498-498, Deoban (Chakrata); *C. spinitaris*, n. sp.; p. 499, Dehra Dun; *Korvinchia*, Edw., p. 503, Key to spp. *K. sinensis*, pp. 503-504, Suifu, Washan, n. sp.]
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Donisthorpe, H.—The Formicidæ taken by Major R. W. G. Hingston on the Mount Everest Expedition, 1924. (Ann. Mag. Nat. Hist. (10) IV, 444-449; Novem. 1929.) [*Myrmica everesti*, n. sp., pp. 445-446, Tibet; *M. specularis*, n. sp., pp. 446-447, Tibet, Sikkim; *Aphænogaster tibetana*, n. sp., p. 447, Tibet; *Acanthomyops hings-toni*, n. sp., pp. 448-449, Darjiling.]

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D'Orchymont, A.—Notes pour la classification des *Aulacochthebius* Kuwert (Col. Palpicornia). (Bull. Ann. Soc. Ent. Belg. LXIX, 191-202; Oct. 1929) [*Ochthebius* (*Aulacochthebius*) *manipurensis*, n. sp., pp. 198-200, Manipur; *O. (A.) asiaticus*, n. sp., pp. 200-201, Tonkin, Calcutta, Chilka Lake.]

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